



50w LED Banner Flood

- A very short but wide light output suitable for lighting banners, walls or close range items.
- Weatherproof fittings

Physical

Size of Unit	240 x 290 x 150mm
Item Weight	3.3kg
Quantity in Case	Individual item
Size of Unit Cased	Individual item
Cased Weight	Individual item



Electrical

Rated Power	92w
Input Power	100-240v 50/60Hz
Power Connection	Fixed connection

Mounting Options

Hanging Type	Yoke
Freestanding	No
Expo LX	Yes

Optical

Light Source	50w COB
Beam Angle	180° x 45°
Colour Temperature	4000k
CRI	85
Light Output 2m	954
Light Output 4m	278
Light Output 6m	143

Control

Control Method	Non Dimmable
DMX Mode	No
DNX Channel List	No
DMX Connection Types	No

Environmental

IP Rating	IP65
Cooling	Heatsink
Max operating temperature	80°

Information Links

Manufacturer Link [Harry the hirer](#)

Data Sheet [Photometry Report](#)

Report of Photometry & Chromaticity for Light Source

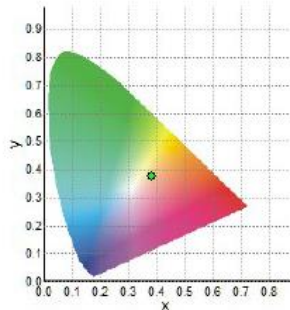


Product Description

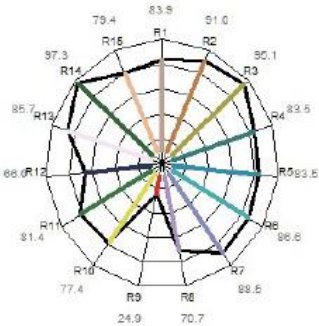
Product Name	50w Banner Flood non dim	
Sample Number		
Date(YYYY/MM/DD)	2020/5/6 09:54:01	
Manufacturer	HTH	
Tester	HTH	
Temperature(°C)	20	Re. Humidity(%)
Reviewer		

Photometry and Chromaticity
















CIE_x	0.3792	Duv	0.0003
CIE_y	0.3766	$\lambda_d(\text{nm})$	578.8
CIE_u'	0.2243	Purity(%)	27
CIE_v'	0.5013	FWHM(nm)	161
CCT(K)	4034	SP ratio	1.72
Illuminance(lx)	954	PPFD($\mu\text{mol}/\text{m}^2 \text{ s}$)	14.4
$\lambda_p(\text{nm})$	593	CRI(Ra)	85
TLCl(Qa)	75.6	GAI	74.0
GAI BB8	93	GAI BB15	98
TM-30 Rf	84	TM-30 Rg	96



CIE1931 Chromaticity Diagram

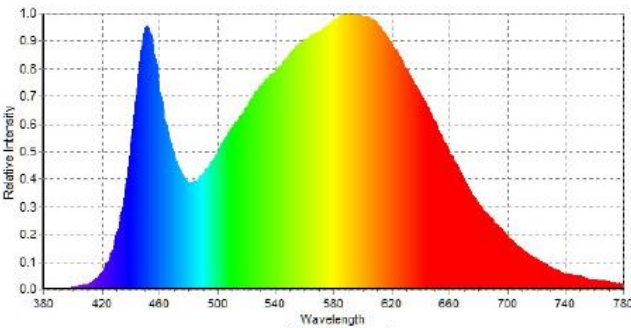


Radar Diagram of CRI

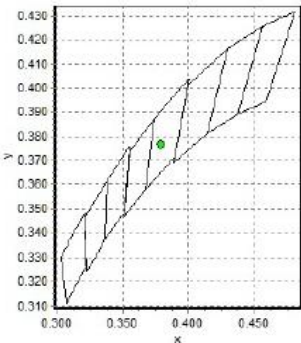
CQS-Qa		85	Re(thru R1~R15)		80
 R1	83.9	 R6	86.6	 R11	81.4
 R2	91.0	 R7	88.5	 R12	66.0
 R3	95.1	 R8	70.7	 R13	85.7
 R4	83.5	 R9	24.9	 R14	97.3
 R5	83.5	 R10	77.4	 R15	79.4

Flicker Frequency(Hz)
Flicker Index

Flicker %



Spectral Distribution



C78.377-2008